

| L Number | Hits   | Search Text  | DB  | Time stamp          |
|----------|--------|--|---|---------------------|
| 1        | 32015  | 349\$.ccls.  | USPAT;<br>US-PGPUB;<br>JPO                              | 2004/08/09<br>07:39 |
| 2        | 1461   | 349\$.ccls. and (bright\$8 near2 contrast)   | USPAT;<br>US-PGPUB;<br>JPO                              | 2004/08/09<br>07:51 |
| 3        | 70     | 349\$.ccls. and (twist near2 smaller)  | USPAT;<br>US-PGPUB;<br>JPO                              | 2004/08/09<br>07:52 |
| 4        | 44     | (349\$.ccls. and (twist near2 smaller))<br>not @ad>19970730  | USPAT;<br>US-PGPUB;<br>JPO                              | 2004/08/09<br>07:51 |
| 5        | 0      | ((349\$.ccls. and (twist near2 smaller))<br>not @ad>19970730) and (twist near6<br>retarder)  | USPAT;<br>US-PGPUB;<br>JPO                              | 2004/08/09<br>07:53 |
| 6        | 8      | ((349\$.ccls. and (twist near2 smaller))<br>not @ad>19970730) and (twist near6<br>retard\$8)   | USPAT;<br>US-PGPUB;<br>JPO                              | 2004/08/09<br>07:53 |
| -        | 5      | "liquid crystal" and "reflection-type<br>polarizing film"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/01<br>07:54 |
| -        | 31354  | "liquid crystal" and filter  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/19<br>15:46 |
| -        | 25054  | ("liquid crystal" and filter) not<br>(1998.ay. 1999.ay. 2000.ay. 2001.ay.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>07:39 |
| -        | 5238   | ((("liquid crystal" and filter) not<br>(1998.ay. 1999.ay. 2000.ay. 2001.ay.))<br>and reflection  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>10:32 |
| -        | 1757   | ((("liquid crystal" and filter) not<br>(1998.ay. 1999.ay. 2000.ay. 2001.ay.))<br>and reflection) and scatter\$3  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/19<br>16:10 |
| -        | 72     | ((("liquid crystal" and filter) not<br>(1998.ay. 1999.ay. 2000.ay. 2001.ay.))<br>and reflection) and scatter\$3) and<br>reflection-type                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>06:33 |
| -        | 72     | ((("liquid crystal" and filter) not<br>(1998.ay. 1999.ay. 2000.ay. 2001.ay.))<br>and reflection) and scatter\$3) and<br>reflection-type                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>06:33 |
| -        | 4      | (((((("liquid crystal" and filter) not<br>(1998.ay. 1999.ay. 2000.ay. 2001.ay.))<br>and reflection) and scatter\$3) and<br>reflection-type ) and "polarizing film" | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>08:54 |
| -        | 370688 | "liquid crystal" "LCD" polarized<br>polarizing   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>09:11 |
| -        | 336348 | ("liquid crystal" "LCD" polarized<br>polarizing) not (1998.ay. 1999.ay 2000.ay<br>2001.ay)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>06:12 |

|   |      |  |   |                     |
|---|------|--|---|---------------------|
| - | 4159 | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)) and retardation  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>09:15 |
| - | 761  | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)) and retardation) and reflect\$6 and absorb\$6  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>09:17 |
| - | 149  | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)) and retardation) and reflect\$6 and absorb\$6) and ("super twisted" "STN")   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>09:22 |
| - | 0    | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)) and retardation) and reflect\$6 and absorb\$6) and ("super twisted" "STN")) and ("Nx > Nz > Ny" "nx > nz > ny"))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>09:25 |
| - | 5    | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)) and retardation) and reflect\$6 and absorb\$6) and ("super twisted" "STN")) and ((Nx\$1 near Nz\$1 near Ny\$1) (nx\$1 near nz\$1 near ny\$1))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>11:13 |
| - | 148  | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)) and retardation) and reflect\$6 and absorb\$6) and ("super twisted" "STN")) and reflect\$15   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>11:15 |
| - | 60   | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)) and retardation) and reflect\$6 and absorb\$6) and ("super twisted" "STN")) and ("reflection-type" "reflecive-type" "reflection type" "reflective type"))                                     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>11:18 |
| - | 12   | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)) and retardation) and reflect\$6 and absorb\$6) and ("super twisted" "STN")) and ("reflection-type" "reflecive-type" "reflection type" "reflective type")) and (reflect\$15 near polariz\$12)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>11:26 |
| - | 27   | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)) and retardation) and reflect\$6 and absorb\$6) and ("super twisted" "STN")) and ("reflection-type" "reflecive-type" "reflection type" "reflective type")) and (reflect\$15 near2 polariz\$12) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>11:29 |
| - | 6    | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)) and retardation) and reflect\$6 and absorb\$6) and ("super twisted" "STN")) and ("reflection-type" "reflecive-type" "reflection type" "reflective type")) and (reflect\$15 adj1 polariz\$12)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>12:13 |
| - | 3    | 5686979.pn.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>12:20 |

|   |        |  |   |                     |
|---|--------|--|---|---------------------|
| - | 336348 | ("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>13:32 |
| - | 9412   | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>13:35 |
| - | 759    | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) and retardation   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>13:36 |
| - | 262    | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) and retardation) and nematic  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>13:36 |
| - | 177    | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) and retardation) and nematic) and (reflect\$10 adj2 polariz\$5)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:11 |
| - | 139    | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) and retardation) and nematic) and (reflect\$10 adj2 polariz\$5)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)                                   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:21 |
| - | 0      | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) and retardation) and nematic) and (reflect\$10 adj2 polariz\$5)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "reflection-type polarizer"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:22 |
| - | 0      | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) and retardation) and nematic) and (reflect\$10 adj2 polariz\$5)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "reflection-type polariz\$6" | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:23 |
| - | 0      | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) and retardation) and nematic) and (reflect\$10 adj2 polariz\$5)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "reflect\$10 polariz\$6"     | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:24 |
| - | 8568   | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:25 |
| - | 0      | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "reflect\$10 polariz\$5"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:26 |
| - | 0      | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "reflect\$10 adj2 polariz\$5"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:27 |

|   |      |   |   |                     |
|---|------|---|---|---------------------|
| - | 8568 | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and (reflect\$10 polariz\$5)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:27 |
| - | 5404 | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and (reflect\$10 adj2 polariz\$5)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:28 |
| - | 3010 | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and (reflect\$10 adj2 polariz\$5)) and (reflect\$10 adj polariz\$5)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>14:29 |
| - | 60   | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and (reflect\$10 adj2 polariz\$5)) and (reflect\$10 adj polariz\$5)) and "reflection-type"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>15:17 |
| - | 193  | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and (reflect\$10 adj2 polariz\$5)) and (reflect\$10 adj polariz\$5)) and "reflection type"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>15:18 |
| - | 3    | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and (reflect\$10 adj2 polariz\$5)) and (reflect\$10 adj polariz\$5)) and "reflection type polarizer"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>15:22 |
| - | 0    | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and (reflect\$10 adj2 polariz\$5)) and (reflect\$10 adj polariz\$5)) and "reflection type polar\$12"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>15:25 |
| - | 149  | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and (reflect\$10 adj2 polariz\$5)) and (reflect\$10 adj polariz\$5)) and ("reflection type polarizing" "reflection-type polarizing" "reflection type polarizer" "reflection-type polarizer" "reflecting polarizing" "reflecting polarizer")                | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>15:27 |
| - | 75   | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and (reflect\$12 near2 polariz\$9)) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and (reflect\$10 adj2 polariz\$5)) and (reflect\$10 adj polariz\$5)) and ("reflection type polarizing" "reflection-type polarizing" "reflection type polarizer" "reflection-type polarizer" "reflecting polarizing" "reflecting polarizer")) and absorb\$6 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/20<br>15:28 |

|   |   |   |   |                     |
|---|---|---|---|---------------------|
| - | 3 | ("5825543").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/26<br>14:35 |
| - | 2 | ("6124971").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/26<br>14:35 |
| - | 2 | ("6124971").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>08:11 |
| - | 1 | ((("6124971").PN.) AND color                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>08:14 |
| - | 0 | ((("6124971").PN.) AND filter                           | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>08:15 |
| - | 3 | ("5825543").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>08:16 |
| - | 1 | ((("5825543").PN.) and color                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>08:19 |
| - | 2 | ("6262842").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>08:20 |
| - | 1 | ((("6262842").PN.) and color                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>08:22 |
| - | 2 | ("6124971").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>08:23 |
| - | 1 | ((("6124971").PN.) and color                            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>08:51 |
| - | 1 | ("6292439").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>08:51 |
| - | 0 | ("6124971 5880800 6111696 6124971 6122026 5867240").PN. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>10:35 |
| - | 0 | ("6124971;5880800;6111696;6124971;6122026;5867240").PN. | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>10:36 |

|   |      |   |   |                     |
|---|------|---|---|---------------------|
| - | 12   | ((("6124971") or ("5880800") or ("6111696") or ("6124971") or ("6122026") or ("5867240"))).PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>10:36 |
| - | 1    | ((("6124971") or ("5880800") or ("6111696") or ("6124971") or ("6122026") or ("5867240"))).PN.) and red and green and blue  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>10:38 |
| - | 0    | ((("6124971") or ("5880800") or ("6111696") or ("6124971") or ("6122026") or ("5867240"))).PN.) and red and green and blue) and (magenta cyan)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>10:39 |
| - | 1458 | "liquid crystal" and cyan and magenta and blue and red and green  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>10:40 |
| - | 819  | ("liquid crystal" and cyan and magenta and blue and red and green) not (1996.ay. 1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>12:32 |
| - | 67   | ((("liquid crystal" and cyan and magenta and blue and red and green) not (1996.ay. 1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and plane and selective and transmission  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>10:48 |
| - | 1    | ((("liquid crystal" and cyan and magenta and blue and red and green) not (1996.ay. 1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and plane and selective and transmission) not ball) and "selective transmission"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>10:49 |
| - | 52   | ((("liquid crystal" and cyan and magenta and blue and red and green) not (1996.ay. 1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and plane and selective and transmission) not ball  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>11:56 |
| - | 10   | ((("liquid crystal" and cyan and magenta and blue and red and green) not (1996.ay. 1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and plane and selective and transmission) not ball) and ("light scattering" "light-scattering")                                 | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>12:26 |
| - | 0    | ((("liquid crystal" and cyan and magenta and blue and red and green) not (1996.ay. 1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and plane and selective and transmission) not ball) and ("light scattering film" "light-scattering film")                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>12:27 |
| - | 0    | ((("liquid crystal" and cyan and magenta and blue and red and green) not (1996.ay. 1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and plane and selective and transmission) not ball) and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film") | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>12:28 |
| - | 1210 | "liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer")   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>12:31 |
| - | 654  | ("liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer") ) not (1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>12:33 |

|   |      |  |   |                     |
|---|------|--|---|---------------------|
| - | 31   | ((("liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer") ) not (1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "light scattering film"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>14:19 |
| - | 178  | ((("liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer") ) not (1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "light scattering"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>14:21 |
| - | 164  | ((("liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer") ) not (1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "light scattering" ) not ball   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>14:21 |
| - | 50   | ((("liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer") ) not (1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "light scattering" ) not ball) and nematic                                  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>15:11 |
| - | 2    | ((("liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer") ) not (1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "light scattering" ) not ball) and ("translucent film" "translucent layer") | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>15:23 |
| - | 23   | ((("liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer") ) not (1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "light scattering" ) and backlight  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>15:24 |
| - | 23   | ((("liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer") ) not (1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "light scattering" ) and backlight ) and (film layer diffusion translucent) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>15:25 |
| - | 6    | ((("liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer") ) not (1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "light scattering" ) and backlight ) and translucent                        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>15:57 |
| - | 63   | ((("liquid crystal" and ("diffusion layer" "diffusion film" "diffusing layer" "diffusing film" "light scattering film" "light scattering layer") ) not (1997.ay. 1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and backlight   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>16:08 |
| - | 3    | ("5442467").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/09/27<br>16:08 |
| - | 5242 | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>10:33 |

|   |      |  |   |                     |
|---|------|--|---|---------------------|
| - | 4872 | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection ) not ball   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>10:34 |
| - | 3    | (((((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection ) not ball) and ("color polarizing" "color polarizer"))) and "multi layered"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>10:36 |
| - | 0    | (((((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection ) not ball) and ("color polarizing" "color polarizer"))) and "multi layered dielectric"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>10:39 |
| - | 61   | (((((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection ) not ball) and ("color polarizing" "color polarizer"))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>11:31 |
| - | 0    | (((((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection ) not ball) and ("color polarizing" "color polarizer"))) and "color polarizing film"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>10:59 |
| - | 61   | (((((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection ) not ball) and ("color polarizing" "color polarizer"))) and (reflection reflective)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>11:00 |
| - | 7    | (((((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection ) not ball) and ("color polarizing" "color polarizer"))) and "dichroic polarizer"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>11:33 |
| - | 0    | ((((((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection ) not ball) and ("color polarizing" "color polarizer"))) and "dichroic polarizer" and ("dichroic color polarizer" "color dichroic polarizer" "color absorption polarizer") | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>11:34 |
| - | 7    | ((((((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection ) not ball) and ("color polarizing" "color polarizer"))) and "dichroic polarizer" and "color polarizer"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>12:06 |
| - | 2    | ("6124971").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>12:08 |
| - | 3    | ("5731858").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>13:55 |
| - | 6    | ((("5731858") or ("6124971") or ("6292439")).PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>15:30 |
| - | 0    | ("113 and "super twisted").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>13:57 |



|   |       |  |   |                     |
|---|-------|--|---|---------------------|
| - | 0     | ("113 and 270").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>13:58 |
| - | 0     | ("113 and STN").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>13:59 |
| - | 0     | ("2 and (nematic STN)").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>14:00 |
| - | 1381  | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and reflection ) not ball) and (nematic STN)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>14:00 |
| - | 2     | ((("5731858") or ("6124971") or ("6292439")).PN.) and (STN super)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>14:01 |
| - | 7     | ((("5731858") or ("6124971") or ("6122026")).PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/01<br>15:30 |
| - | 2     | ("6124971").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>07:20 |
| - | 13    | ((("6124971") or ("5731858") or ("6122026") or ("5867240") or ("5825543")).PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>07:32 |
| - | 1     | ((("6124971") or ("5731858") or ("6122026") or ("5867240") or ("5825543")).PN.) and "retardation film"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>07:22 |
| - | 18    | ((("6124971") or ("5731858") or ("6122026") or ("5867240") or ("5825543") or ("5880800") or ("6111696")).PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>10:42 |
| - | 2     | ((("6124971") or ("5731858") or ("6122026") or ("5867240") or ("5825543") or ("5880800") or ("6111696")).PN.) and "retardation film"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>07:37 |
| - | 25069 | ("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>07:40 |
| - | 2     | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and "retardation layer" and ("reflection type polarizer" " reflective polarizer" "reflection polarizer") | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>07:42 |
| - | 2     | ((("6124971") or ("5731858") or ("6122026") or ("5867240") or ("5825543") or ("5880800") or ("6111696")).PN.) and ("retardation film" "retardation layer" "retardation sheet")       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>08:04 |

|   |     |   |   |                     |
|---|-----|---|---|---------------------|
| - | 3   | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and "twisted retardation"                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>09:51 |
| - | 3   | ("5867240").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>09:51 |
| - | 1   | ((("5867240").PN.) and reflect\$5   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>10:06 |
| - | 5   | ((("5867240") or ("6124971")).PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>10:06 |
| - | 0   | ((("5867240") or ("6124971")).PN.) and "twisted retardation"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>10:07 |
| - | 0   | ((("5867240") or ("6124971")).PN.) and (twisted near2 retard\$6)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>10:08 |
| - | 2   | ("6124971").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>11:33 |
| - | 11  | ((("6124971") or ("5731858") or ("5867240") or ("5576077")).PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>11:34 |
| - | 2   | ((("6124971") or ("5731858") or ("5867240") or ("5576077")).PN.) and "color filter"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>12:14 |
| - | 2   | ((("6124971") or ("5731858") or ("6122026") or ("5867240") or ("5825543") or ("5880800") or ("6111696")).PN.) and "color filter"            | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>12:15 |
| - | 176 | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and "color filter" near3 polarizer                              | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>12:17 |
| - | 1   | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and "color filter" near3 polarizer) and "color absorber"        | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>16:04 |
| - | 0   | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and "color filter" near3 polarizer) and "color absorbtion"      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>13:53 |
| - | 19  | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and "color filter" near3 polarizer) and (color near3 absorb\$6) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>15:24 |

|   |        |  |   |                     |
|---|--------|--|---|---------------------|
| - | 2      | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and "color filter" near3 polarizer) and (color near3 absorb\$6)) and "color polarizer"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>15:33 |
| - | 229    | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and "solar cell"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>15:35 |
| - | 11     | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and "solar cell") and (reflect\$6 near3 Polar\$8)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>15:38 |
| - | 68     | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and ("color absorption" "color absorber" "color retardation"))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>16:07 |
| - | 23     | ((("liquid crystal" and filter) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) ) and ("color absorption" "color absorber" "color retardation")) and (reflec\$4 near3 polar\$8)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/03<br>16:08 |
| - | 338311 | ("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>06:16 |
| - | 7      | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and ("color absorber" "color filter absorber"))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>06:25 |
| - | 14631  | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and "color filter"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>06:25 |
| - | 54     | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and "color filter") and ("reflection type polarizing" "reflective polarizer" "reflecting polarizing" "reflecting polarizer")  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>06:28 |
| - | 31     | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and "color filter") and ("reflection type polarizing" "reflective polarizer" "reflecting polarizing" "reflecting polarizer")) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:12 |
| - | 0      | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and "color filter") and ("reflection type polarizing" "reflective polarizer" "reflecting polarizing" "reflecting polarizer")) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) and "color absorption"                      | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>06:33 |
| - | 0      | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and "color filter") and ("reflection type polarizing" "reflective polarizer" "reflecting polarizing" "reflecting polarizer")) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) and ("absorption layer" "absorption sheet") | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>06:46 |

|   |        |   |   |                     |
|---|--------|---|---|---------------------|
| - | 594    | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and "color filter") and (color near3 absor\$8))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:13 |
| - | 13     | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and "color filter") and (color near3 absor\$8)) and "absorption layer"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:20 |
| - | 332    | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and ("reflection type polarizing" "reflection type polarizer" "reflective polarizing" "reflective polarizer"))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:40 |
| - | 27     | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and ("reflection type polarizing" "reflection type polarizer" "reflective polarizing" "reflective polarizer")) and ("absorbing member" "absorption layer" "absorption film" "absorption member" "absorbing layer" "absorbing film"))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:25 |
| - | 14     | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and ("reflection type polarizing" "reflection type polarizer" "reflective polarizing" "reflective polarizer")) and ("absorbing member" "absorption layer" "absorption film" "absorption member" "absorbing layer" "absorbing film")) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:36 |
| - | 309264 | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.))   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:37 |
| - | 117    | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "light absorption layer"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:38 |
| - | 0      | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) and "color filter") and ("reflection type polarizing" "reflective polarizer" "reflecting polarizing" "reflecting polarizer")) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and ("absorption layer" "absorption sheet")) and "any color"                                       | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:38 |
| - | 0      | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "light absorption layer") and "any color"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:38 |
| - | 1157   | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "any color"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:39 |
| - | 1      | (((((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "any color") and ("reflection type polarizing" "reflection type polarizer" "reflective polarizing" "reflective polarizer"))  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:41 |

|   |    |  |   |                     |
|---|----|--|---|---------------------|
| - | 34 | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "usually black"          | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>07:52 |
| - | 5  | ((("liquid crystal" "LCD" polarized polarizing) not (1998.ay. 1999.ay 2000.ay 2001.ay) ) not (1998.ay. 1999.ay. 2000.ay. 2001.ay.)) and "color absorption layer" | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>08:23 |
| - | 15 | ((("4697885") or ("5847798") or ("5990995") or ("6124971") or ("5867240") or ("5676077")).PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>08:25 |
| - | 2  | ((("4697885") or ("5847798") or ("5990995") or ("6124971") or ("5867240") or ("5676077")).PN.) and "color polarizer"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>08:31 |
| - | 8  | ((("4697885") or ("5847798") or ("5990995") or ("6124971") or ("5867240") or ("5676077")).PN.) and (STN nematic)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>09:09 |
| - | 0  | ((("4697885") or ("5847798") or ("5990995") or ("6124971") or ("5867240") or ("5676077")).PN.) and "diffusion layer"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>09:10 |
| - | 3  | ("5867240").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>09:56 |
| - | 0  | ("15 and solar").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>09:57 |
| - | 0  | ("31 and solar").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>09:57 |
| - | 1  | ((("4697885") or ("5847798") or ("5990995") or ("6124971") or ("5867240") or ("5676077")).PN.) and solar   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>10:35 |
| - | 3  | ("5847798").PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2001/10/04<br>10:35 |
| - | 1  | ("6124971").PN.  | USPAT;<br>US-PGPUB;<br>JPO                              | 2002/01/24<br>08:22 |
| - | 1  | ("6330100").PN.  | USPAT;<br>US-PGPUB;<br>JPO                              | 2002/01/24<br>08:22 |
| - | 1  | ("6330100").PN.  | USPAT;<br>US-PGPUB;<br>JPO                              | 2002/01/28<br>11:15 |
| - | 9  | "liquid crystal" and "reflection-type polarizing film"   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/28<br>11:17 |

|   |        |   |   |                     |
|---|--------|---|---|---------------------|
| - | 0      | ("liquid crystal" and "reflection-type polarizing film" ) not @ad>1998  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/28<br>11:18 |
| - | 183392 | "liquid crystal" not @ad>19970729   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/28<br>11:21 |
| - | 17     | ("liquid crystal" not @ad>19970729) and "metallic color"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/28<br>11:28 |
| - | 58     | ("liquid crystal" not @ad>19970729) and (metallic near2 color)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/28<br>11:29 |
| - | 41     | ((("liquid crystal" not @ad>19970729) and (metallic near2 color)) not (("liquid crystal" not @ad>19970729) and "metallic color")) | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2002/01/28<br>11:29 |
| - | 1      | ("6124971").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/10/17<br>10:03 |
| - | 1483   | ((349/96) or (349/98)).CCLS.  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/10/17<br>10:05 |
| - | 99     | ((349/96) or (349/98)).CCLS.) not @pd<20010930  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/10/17<br>10:08 |
| - | 1411   | (349/106).CCLS.   | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/10/17<br>10:09 |
| - | 129    | ((349/106).CCLS.) not @pd<20010930  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2002/10/17<br>10:09 |
| - | 1      | ("5440413").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/04/02<br>07:39 |
| - | 1      | ("5227903").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/04/02<br>07:39 |
| - | 1      | ("5528400").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/04/02<br>08:18 |
| - | 29592  | 349\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/04/02<br>08:19 |
| - | 1      | 349\$.ccls. and (nx adj1 nz) adj1 ny  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/04/02<br>08:20 |
| - | 21     | 349\$.ccls. and (nx adj2 nz) adj2 ny  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/04/02<br>08:42 |
| - | 19     | (349\$.ccls. and (nx adj2 nz) adj2 ny) and reflec\$6  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/04/02<br>08:42 |
| - | 1      | ("6124971").PN.   | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/04/02<br>09:36 |
| - | 330    | "dichroic polarizer"  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/25<br>07:57 |

|   |       |   |   |                     |
|---|-------|---|---|---------------------|
| - | 109   | "dichroic polarizer" and ("dichroic polarizer" near6 light)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/25<br>08:01 |
| - | 26    | ("dichroic polarizer" and ("dichroic polarizer" near6 light)) and ("dichroic polarizer" near6 linear)   | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2003/11/25<br>08:01 |
| - | 2     | ((("6124971") or ("5587821"))).PN.  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2003/11/25<br>08:03 |
| - | 10935 | ("liquid crystal" LCD) and (reflect\$8 near6 polariz\$8)  | USPAT;<br>US-PGPUB;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | 2004/03/01<br>07:56 |
| - | 3731  | ((("liquid crystal" LCD) and (reflect\$8 near6 polariz\$8)) not @ad>19970730  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>08:23 |
| - | 1785  | ((("liquid crystal" LCD) and (reflect\$8 near6 polariz\$8)) not @ad>19970730) and (color colour)  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>07:59 |
| - | 2     | ((("liquid crystal" LCD) and (reflect\$8 near6 polariz\$8)) not @ad>19970730) and (color colour)) and metallic                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>08:05 |
| - | 256   | ((("liquid crystal" LCD) and (reflect\$8 near6 polariz\$8)) not @ad>19970730) and (color colour)) and metallic                                      | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>08:06 |
| - | 4     | ((("liquid crystal" LCD) and (reflect\$8 near6 polariz\$8)) not @ad>19970730) and (color colour)) and metallic) and (metallic near3 color)          | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>08:22 |
| - | 32062 | 349\$.ccls.   | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>08:22 |
| - | 24618 | 349\$.ccls. not @ad>19970730  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>08:24 |
| - | 26755 | ((("liquid crystal" LCD) and (reflect\$8 near6 polariz\$8)) not @ad>19970730) (349\$.ccls. not @ad>19970730)  | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>08:24 |
| - | 61    | ((("liquid crystal" LCD) and (reflect\$8 near6 polariz\$8)) not @ad>19970730) (349\$.ccls. not @ad>19970730)) and "reflective polarizer"            | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>08:25 |
| - | 16    | ((("liquid crystal" LCD) and (reflect\$8 near6 polariz\$8)) not @ad>19970730) (349\$.ccls. not @ad>19970730)) and "reflective polarizer") and watch | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>08:32 |
| - | 23    | "6124971"   | USPAT;<br>US-PGPUB;<br>EPO; JPO                         | 2004/03/01<br>08:32 |